

MENDON
Cancer Incidence by Sex, 1993 - 1997
Expected and Observed Case Counts, with Standardized Incidence Ratios

| | <u>Exp</u> | <u>Obs</u> | <u>SIR</u> | | <u>Exp</u> | <u>Obs</u> | <u>SIR</u> |
|--|------------|------------|------------|---------------------------------------|------------|------------|------------|
| <u>Bladder, Urinary</u> | | | | <u>Melanoma of Skin</u> | | | |
| Male | 2.34 | 3 | NC* | Male | 1.58 | 1 | NC* |
| Female | 0.80 | 2 | NC* | Female | 1.20 | 0 | NC* |
| Total | 3.15 | 5 | 159 | Total | 2.78 | 1 | NC* |
| <u>Brain and Other Central Nervous System</u> | | | | <u>Multiple Myeloma</u> | | | |
| Male | 0.89 | 2 | NC* | Male | 0.45 | 0 | NC* |
| Female | 0.71 | 0 | NC* | Female | 0.39 | 2 | NC* |
| Total | 1.61 | 2 | NC* | Total | 0.84 | 2 | NC* |
| <u>Breast</u> | | | | <u>Non-Hodgkin's Lymphoma</u> | | | |
| Male | 0.16 | 1 | NC* | Male | 2.07 | 3 | NC* |
| Female | 14.98 | 18 | 120 | Female | 1.60 | 2 | NC* |
| Total | 15.13 | 19 | 126 | Total | 3.67 | 5 | 136 |
| <u>Cervix Uteri</u> | | | | <u>Oral Cavity and Pharynx</u> | | | |
| Female | 1.04 | 0 | NC* | Male | 1.78 | 1 | NC* |
| | | | | Female | 0.75 | 0 | NC* |
| | | | | Total | 2.52 | 1 | NC* |
| <u>Colon / Rectum</u> | | | | <u>Ovary</u> | | | |
| Male | 5.96 | 8 | 134 | Female | 1.84 | 2 | NC* |
| Female | 5.11 | 8 | 157 | | | | |
| Total | 11.06 | 16 | 145 | | | | |
| <u>Esophagus</u> | | | | <u>Pancreas</u> | | | |
| Male | 0.93 | 0 | NC* | Male | 0.94 | 2 | NC* |
| Female | 0.26 | 0 | NC* | Female | 0.86 | 1 | NC* |
| Total | 1.19 | 0 | NC* | Total | 1.80 | 3 | NC* |
| <u>Hodgkin's Disease</u> | | | | <u>Prostate</u> | | | |
| Male | 0.45 | 0 | NC* | Male | 14.60 | 5 | 34 ~- |
| Female | 0.33 | 2 | NC* | | | | |
| Total | 0.79 | 2 | NC* | | | | |
| <u>Kidney and Renal Pelvis</u> | | | | <u>Stomach</u> | | | |
| Male | 1.52 | 0 | NC* | Male | 1.04 | 0 | NC* |
| Female | 0.82 | 0 | NC* | Female | 0.55 | 1 | NC* |
| Total | 2.34 | 0 | NC* | Total | 1.59 | 1 | NC* |
| <u>Larynx</u> | | | | <u>Testis</u> | | | |
| Male | 0.93 | 1 | NC* | Male | 0.65 | 0 | NC* |

| | | | | | | | |
|---|-------|----|-----|---|-------|----|-----|
| Female | 0.25 | 1 | NC* | | | | |
| Total | 1.18 | 2 | NC* | | | | |
| <u>Leukemia</u> | | | | <u>Thyroid</u> | | | |
| Male | 1.11 | 1 | NC* | Male | 0.35 | 1 | NC* |
| Female | 0.78 | 1 | NC* | Female | 0.85 | 1 | NC* |
| Total | 1.90 | 2 | NC* | Total | 1.19 | 2 | NC* |
| <u>Liver and Intrahepatic Bile Ducts</u> | | | | <u>Uteri, Corpus and Uterus, NOS</u> | | | |
| Male | 0.51 | 0 | NC* | | | | |
| Female | 0.18 | 1 | NC* | Female | 2.87 | 4 | NC* |
| Total | 0.69 | 1 | NC* | | | | |
| <u>Lung and Bronchus</u> | | | | <u>All Sites / Types</u> | | | |
| Male | 7.90 | 10 | 127 | Male | 49.64 | 40 | 81 |
| Female | 5.64 | 5 | 89 | Female | 44.90 | 53 | 118 |
| Total | 13.54 | 15 | 111 | Total | 94.54 | 93 | 98 |

Exp = expected case count, based on the Massachusetts average age-specific incidence rates for this cancer

Obs = observed case count

SIR = standardized incidence ratio [(**Obs** / **Exp**) X 100]

* = **SIR** and statistical significance not calculated when **Obs** < 5

+ indicates number of observed cases is statistically significantly higher than the expected number of cases

- indicates number of observed cases is statistically significantly lower than the expected number of cases

indicates statistical significance at the $p \leq 0.05$ level

~ indicates statistical significance at the $p \leq 0.01$ level, as well as at the $p \leq 0.05$ level

^ indicates statistical significance at the $p \leq 0.001$ level, as well as at the $p \leq 0.05$ and $p \leq 0.01$ levels